

Agent's reference: 05-428-B

IN THE UNITED STATES RECEIVING OFFICE (RO/US)

In re Application of:)	
)	
Kyung Hwan An)	Group Art Unit: TBA
)	
Serial No.: 10/559,738)	Examiner: TBA
)	
Filed: December 6, 2005)	
)	
For: Device for Implementing a RNA)	
Using LVDS)	

TRANSMITTAL LETTER

Mail Stop PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

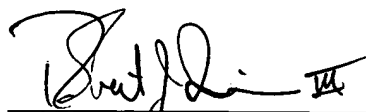
Dear Sirs:

In regard to the above-identified application we are transmitting herewith the attached:

- 1) Written Opinion of the International Searching Authority.
- 2) **CERTIFICATE OF MAILING BY "EXPRESS MAIL" UNDER 37 CFR § 1.10:** The undersigned hereby certifies that this Transmittal Letter and the paper, as described hereinabove, are being deposited with the United States Postal Service with sufficient postage as "Express Mail Post Office to Addressee" in an envelope addressed to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia, 22313-1450, on this 10th day of January, 2006, Express Mail No. **EV596650746US**.

Respectfully submitted,

By



Robert J. Irvine III
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Attorney for the Applicant(s)

PATENT COOPERATION TREATY

From the
INTERNATIONAL SEARCHING AUTHORITY

To:

YOON, Jee Hong

Hannuri Bldg. 219 Naeja-dong, Chongno-gu, Seoul 110-053,
Republic of Korea

PCT

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

(PCT Rule 43bis.1)

Date of mailing
(day/month/year) **23 NOVEMBER 2004 (23.11.2004)**

Applicant's or agent's file reference

FE241490

FOR FURTHER ACTION

See paragraph 2 below

International application No.

PCT/KR2004/001858

International filing date (day/month/year)

23 JULY 2004 (23.07.2004)

Priority date(day/month/year)

24 JULY 2003 (24.07.2003)

International Patent Classification (IPC) or both national classification and IPC

IPC7 H04L 12/02

Applicant

UTStarcom Korea Limited et al

1. This opinion contains indications relating to the following items:

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

2. **FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.
For further options, see Form PCT/ISA/220.

3. For further details, see notes to Form PCT/ISA/220.

Name and mailing address of the ISA/KR



Korean Intellectual Property Office
920 Dunsan-dong, Seo-gu, Daejeon 302-701,
Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

SHIN, Sung Kil

Telephone No. 82-42-481-5688



**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.

PCT/KR2004/001858

Box No. 1 Basis of this opinion

1. With regard to the **language**, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This opinion has been established on the basis of a translation from the original language into the following language _____, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).
2. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:
 - a. type of material
☐ a sequence listing
☐ table(s) related to the sequence listing
 - b. format of material
☐ in written format
☐ in computer readable form
 - c. time of filing/furnishing
☐ contained in the international application as filed.
☐ filed together with the international application in computer readable form.
☐ furnished subsequently to this Authority for the purposes of search.
3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.
4. Additional comments:

**WRITTEN OPINION OF THE
INTERNATIONAL SEARCHING AUTHORITY**

International application No.
PCT/KR2004/001858

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	1 - 3	YES
	Claims	NONE	NO
Inventive step (IS)	Claims	1 - 3	YES
	Claims	NONE	NO
Industrial applicability (IA)	Claims	1 - 3	YES
	Claims	NONE	NO

2. Citations and explanations :

Reference is made to the following documents:

D1 : US 6,243,382 B1

D2 : US 2002/0009089 A1

1. Novelty and Inventive Step

D1 discloses Interfacing to SAR devices in ATM switching apparatus including a switch fabric for switching ATM cells, a segmentation-and-reassembly device for reassembling packets from ATM cell, and a plurality of traffic management devices.

D2 relates to a method and apparatus for establishing frame synchronization in a communication system using an UTOPIA-LVDS bridge.

However, None of these documents reveals the idea of implementing a RNC using LVDS.

Therefore, Novelty can be acknowledged for claim 1 - 3, also these claims involve an inventive steps.

2. Industrial Applicability

Claims 1 - 3 meet the criteria set out in PCT Article 33(4).